

## **GROUND WATER FORUM TELECONFERENCE**

**Thursday October 4, 2001**

### **NEXT GROUND WATER FORUM CONFERENCE CALL**

Since the fall meeting occurs during the week of November 4, the next Ground Water Forum conference call is scheduled for Thursday, December 6, from 2:00 to 3:00 PM Eastern Time. The call-in number is (202) 260-7280, and the access code is 8846#.

### **FALL MEETING UPDATE**

Kathy Davies presented the proposed schedule:

Monday–GSA Conference

Tuesday–Morning business and technical issues; afternoon field trip that focuses on the Grove Pond Well Field (case study in arsenic-contaminated water supply with discussions on local geology, treatment system, geologic controls, and ground water/surface water interaction); and Shepley's Hill Landfill (case study of ongoing investigation of significant landfill related arsenic plumes).

Wednesday–Plenary session. In the morning a welcome from Region 1, ORD labs update, and STL program discussion. In the afternoon, speakers on the Massachusetts Military Reservation project on Cape Cod.

Thursday–Business meeting (topics include: updates from workgroup leaders, capture zones and pump and treat optimization, Ground Water Forum deliverables, ITRC workgroups, direct push technologies guidance update, and DNAPL source removal issues).

The Forum dinner is tentatively planned for Tuesday night at Gilson's Herb Lyceum in Groton, MA, although other options will be considered.

### **DNAPL SOURCE REMOVAL WORKSHOP**

Bob Puls briefed the group on the upcoming October 29-30 workshop that will be held in Dallas. The lead for the workshop is Lynn Wood at the Robert S. Kerr Environmental Research Laboratory. It is an invitation-only workshop. Questions that will be addressed include:

- How can we better measure, monitor, and model the efficacy of source control remedial technologies?
- What is the current state of the art in measuring, monitoring, and modeling thermal techniques, surfactant and solvent flushing techniques, and oxidation?
- What are the complicating factors with regards to hydrogeologic conditions?
- What are appropriate remedial performance goals and metrics?
- What are the costs and benefits of source remediation?
- Where should research efforts be focused for this issue?

Organizers are commissioning a panel of experts that will attend the workshop but will also continue to work on these issues afterwards. The panel will produce a report that addresses the issues stated above.

In addition to the panel, organizers have also invited several experts to make presentations. They want to keep the group size manageable, but also ensure that includes all the major stakeholders (ORD, program offices, EPA regions, other agencies (USGS, DoD, DOE), and states).

Jim Cummings asked the Forum to look in their individual regions for any sites that have had some attempt at source abatement and that had sufficient post-removal monitoring data to allow an evaluation of whether the source removal had affected the plume.

## DIRECT PUSH TECHNOLOGY (DPT) WORKGROUP UPDATE

Judy Canova briefed the Forum on the status of the DPT guidance. The guidance is currently under review. It summarizes direct push technologies and their strengths and weaknesses. The workgroup had a number of significant comments, and the authors will be making the revisions. Judy said that once the guidance has been revised, it should be sufficiently complete to distribute to the Forum for their comments. The guidance does not have any case studies, but it cites published papers. Kathy asked if the guidance takes a position on using DPT data for risk assessments, and Judy replied that at the request of the workgroup, a section will be included on this issue. Judy will send a copy of the latest version to anyone who requests it, but recommends waiting for the revision.

## ITRC PROJECT SUMMARIES

Dick Willey briefed the Forum on the activities of the ITRC diffusion sampler workgroup. The Northeast Waste Management Officials' Association recently gave a training session on the use of diffusion samplers in monitoring wells. The training touched on the State of New Jersey's perspective as well as the use of diffusion samplers in pond sediments at the Massachusetts Military Reservation. Don Vroblesky (USGS) reported on new research being done on a dialysis-type device that might be used for metals. Training will be given at the ITRC conference in Long Beach, CA, November 5-8. ITRC also has been giving live web training sessions on diffusion sampling through TIO's CLU-IN website.

## DYNAMIC FIELD ACTIVITIES GUIDANCE DOCUMENT

Vince Malott mentioned that Rob Hitzig (OERR) had asked the Forum for comments (due October 26) on the second part (chapters 4 and 5 plus Appendices) of the dynamic field activities guidance document. He said he did not get any volunteers for the first part that came out in August, and thought the Forum should try to review this part. He asked for volunteers to review the second half and someone to coordinate them.

## ATTENDEES

### Regions:

Ernie Waterman, Region 1  
Dick Willey, Region 1  
Kathy Davies, Region 3  
Doug Yeskis, Region 5  
Vince Malott, Region 6  
Herb Levine, Region 9  
Curt Black, Region 10  
Howard Orlean, Region 10

### States:

Brian Lewis, CA DTSC  
Judy Canova, SC DHEC  
Helge Gabert, UT DEQ

### Labs:

Jerry Jones, NRMRL-SPRD Ada  
Bob Puls, NRMRL-SPRD Ada

### Headquarters:

Jim Cummings, OSWER/TIO  
Steve Mangion, STL/ORD, Region 1  
Guy Tomassoni, OSWER/OSW

### Other:

Steve White, USACE

### Contractors:

Bill Myers, EMS